

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 3

## Complete if Known

Application Number	10/568,788
Filing Date	10/03/2006
First Named Inventor	Achilles et al.
Art Unit	3676
Examiner Name	J. Gay

Attorney Docket Number 930092-2028

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,572,722	02/25/1986	Dyer	
		US- 4,636,263	01/13/1987	Nakai et al.	
		US- 4,664,705	05/12/1987	Horton et al.	
		US- 4,726,718	02/23/1988	Meskin et al.	
		US- 4,766,040	08/23/1988	Hillert et al.	
		US- 4,793,828	12/27/1988	Bumand	
		US- 4,871,377	10/03/1989	Frushour	
		US- 4,940,180	07/10/1990	Martell	
		US- 4,976,324	12/11/1990	Tibbets	
		US- 5,011,514	04/30/1991	Cho et al.	
		US- 5,027,912	07/02/1991	Juergens	
		US- 5,127,923	07/07/1992	Bunting et al.	
		US- 5,199,832	04/06/1993	Meskin et al.	
		US- 5,205,684	04/27/1993	Meskin et al.	
		US- 5,337,844	08/24/1994	Tibbets	
		US- 5,460,233	10/24/1995	Meany et al.	
		US- 5,560,716	10/01/1996	Tank et al.	
		US- 5,645,617	07/08/1997	Frushour	
		US- 5,667,028	09/16/1997	Truax et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>4</sup> "Number" "Kind Code" (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>5</sup>
		EP 1190791 A2	03/27/2002	Camco International (UK)		
		GB 2374618 A	10/23/2002	Baker Hughes Incorporated		
		RU 566439	01/20/2000	Bibaev et al.		✓
		RU 2034937 C1	09/21/2004	Khapchaev et al.		✓
		WO 93/023204 A1	11/25/1993	Tempo Technology Corp.		
		WO 04/106003 A1	12/09/2004	Element Six		

Examiner Signature	Date Considered

\*EXAMINER: Initial reference considered, whether or not in conformance with MPEP 600. Use a checkmark if not in conformance and not considered, include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (end by the USPTO to receive) an application. Confidentiality is not guaranteed. 37 CFR 1.14(e) states that the information is estoppel information to be used to prosecute, include in gathering, comparing, and submitting the completed application forms to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

*Complete if Known*

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of 3

Application Number	10/568,788
Filing Date	10/03/2006
First Named Inventor	Achilles et al.
Art Unit	3676
Examiner Name	J. Gay
Attorney Docket Number	930092-2028

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If Known)			
		US- 5,722,499	03/03/1998	Nguyen et al.	
		US- 5,935,323	08/10/1999	Tanga et al.	
		US- 6,009,963	01/04/2000	Chaves et al.	
		US- 6,063,333	05/16/2000	Dennis	
		US- 6,068,913	05/30/2000	Cho et al.	
		US- 6,189,634 B1	02/20/2001	Bertagnoli et al.	
		US- 6,592,985 B2	07/15/2003	Griffin et al.	
		US- 2005/0139397 A1	06/30/2005	Achilles et al.	
		US- 2005/0263328 A1	12/01/2005	Middlemiss	
		US- 2006/0060390 A1	03/23/2006	Eyre	
		US- 2006/0060391 A1	03/23/2006	Eyre et al.	
		US- 2006/0060392 A1	03/23/2006	Eyre	
		US- 2006/0086540 A1	04/27/2006	Griffin et al.	
		US- 2006/0260850 A1	11/23/2006	Roberts et al.	
		US- 2007/0181348 A1	08/09/2007	Lancaster et al.	
US-					

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> /Number <sup>4</sup> /Kind Code <sup>5</sup> (If Known)				
		WO 04/106004 A1	12/09/2004	Element Six		

Examiner Signature	Date Considered

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> End of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (or by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time required to complete this form and suggestions for reducing this burden, should be sent to the Commissioner, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Federal Trade Commission Act of 1958, no attorney may represent a party in a proceeding before the Commission without first filing a statement of interest. This statement is not a part of the record in the proceeding.		Complete if Known	
Substitute for form 1449/PTO			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>			
<b>Application Number</b> <b>Filing Date</b> <b>First Named Inventor</b> <b>Art Unit</b> <b>Examiner Name</b>		10/568,788 10/03/2006 Achilles et al. 3676 J. Gay	
Sheet	3	of	3
		Attorney Docket Number	
		930092-2028	

#### NON-PATENT LITERATURE DOCUMENTS

Examiner  
Signature \_\_\_\_\_ Date  
Considered \_\_\_\_\_

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. Applicant's unique citation designation number (optional). 2. Applicant is to place a check mark here if English language Translation is attached.

Applicant's name and address must be provided in the application. The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22314-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22314-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.